L						
Issue Date		Title	Current OR	Current XRef	Retrieval Classif	Inventor
US 20020001499 A1 20020103	1	Serial recording apparatus	400/582	400/578		Hayashi, Yoshinori et al.
1020402	T	a printer	400/582	400/578		Lesniak, Christopher M. et al.
20011106	1	Line printer	400/578	347/104		Nureki, Shinji
20010206		Sheet feeding apparatus		400/578		Kono, Takeshi
19940503	1	Apparatus for conveying paper in a printer	400/618	400/625; 400/636.2	400/625	Yamaguchi, Naoto
19930831	1	Sheet conveyor apparatus with slip transmission	346/134	271/272; 346/136; 400/625; 400/636; 400/636.2	400/625	Chiku, Kazuyoshi
991092	4		400/625	271/116; 271/242; 271/902; 400/629	400/625	Takagi, Kazuhiko et al.
19920922	1	Selectively actuatable multiple medium feed mechanism for a micro printer	400/608.4	192/26; 400/585.1; 400/607		Narita, Hiroshi
19850528		Electronically gated paper aligner system	399/394	271/226; 271/248; 271/258.01; 271/258.03; 271/270; 347/153; 355/1; 358/196;		Barker, Robert B. et al.

01/09/2003, EAST Version: 1.03.0002

Document ID Issue Date	Issue Date	Title	Current OR	Current XRef	Current XRef Retrieval Classit	Inventor
US 6298778 B1	20011009	20011009 Sheet feeding device for a printer	101/232	101/116; 101/118; 101/216; 271/10.05; 271/10.12; 271/10.13; 271/161;		Onodera, Takayuki et al.

01/09/2003, EAST Version: 1.03.0002

			DB	Time stamp
L Number	Hits	Search Lexis	AT;	2002/12/30 11:23
•		(400)027)-(-CE-5-	US-PGPUB;	
	-		EPO; JPO;	
			DEKWENT;	
			USPAT:	2002/12/24 10:51
	150	(400/024).CCLS.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	25.01.000
•	1221	(400/636).CCLS.	USPAT;	2002/12/24 10:52
			US-PGPUB;	
			DEPWENT:	
			IBM TDB	
	630	3 120 (4829)007)	USPĀT;	2002/12/24 10:52
•	650		US-PGPUB;	
			EPO; JPO;	-
			DEKWENT;	
			IBM_IDB	55-01 70/21/0000
	35	(400/271), CCL.S.	US.PGPITR	
			FPO: IPO:	
			DERWENT:	
			IBM_TDB	
	95	((400/625) CCLS.) and (backlash or return)	USPAT;	2002/12/24 11:02
			US-PGPUB;	
	_		EPO; JPO;	
			DEKWENT;	
	:	(miles - A - 1 1 - 1 2 1 2 1	USPAT:	2002/12/24 10:55
•		((400/024).CCLS.) and (backlash of feath)	US-PGPUB;	
_			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	136	((400/636).CCLS.) and (backlash or return)	USPAT;	2002/12/24 10:55
			OS-PGPOB,	
			EPO; JPO;	,-
	-		DENWENT,	
			IBM_IDB	2002/12/24 10:56
•	52	((400/578).CCLS.) and (backlash or return)	IIS PCDIE	00:01
			EBO: IBO:	
			DER WENT	
			IRM TDR	
			22:	

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	-	((400/271), CCLS.) and (backlash or return)	USPAT; US-PGPUB;	2002/12/24 10:56
		•	EPO, JPO; DERWENT;	
		*		2002/12/24 11:15
	185	((400/625).CCLS.) and (advanc\$5 or convey\$5)		
			EPO; JPO;	
			DEKWENT;	
	179	((400/624).CCLS.) and (advanc\$5 or convey\$5)		2002/12/24 11:04
			US-PGPUB;	
			DERWENT;	
			IBM_TDB	2002/12/24 11:04
	240	((400/636).CCLS.) and (advanc\$5 or convey\$5)	US-PGPUB;	
			EPO; JPO;	
			DEKWENT;	
	136	(\$\frac{1}{2}\frac{1}{	USPĀT;	2002/12/24 11:04
•	2		US-PGPUB;	
			EPO, JPO;	
			DEKWENT;	-
•	_	((400/271).CCLS.) and (advanc\$\$ or convey\$\$)	USPAT;	2002/12/24 11:07
			US-PGPUB;	-
	_		DERWENT;	-
			IBM_TDB	91.11 70/1/1/000
	135	(((400/625).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1	USPAT;	2002/12/24 11:10
			FPO: IPO:	
			DERWENT:	
			IBM_TDB)
•	118	(((400/624).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1	USPAT;	2002/12/24 11:10
			EDG. DO.	
			DERWENT;	
			IBM_TDB	31.11 10.61/2000
•	148	(((400/636).CCL.S.) and (advanc\$5 or convey\$5)) and motor\$1	US-PGPUB:	2007
		:	EPO, JPO;	
			DERWENT;	
			IBM TDB	

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	11	(((400/578).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1	USPAT;	2002/12/24 11:17
			EPO, JPO; DERWENT;	
			IBM_TDB USPAT:	2002/12/24 11:17
	_	(((400/211),CCLS.) and (advances of conveyes))) and motors i	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	91.11 70000
	125	((((400/625).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1	US-PGPUB;	,
			EPO; JPO; DERWENT;	
_			IBM_TDB	01:11.10
	117	((((400/624),CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1	US-PGPUB;	700717/24 11:13
			EPO; JPO; DERWENT:	
			IBM_TDB	0.11
	142	((((400/636).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1	USPAT; US-PGPUB;	2002/12/24 11:19
			EPO; JPO;	-
			DERWENT;	
	19	((((400/578).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1	USPĀT;	2002/12/24 11:20
			EPO; JPO;	
			DERWENT;	
	-	(1/1/40071) CT C) and (advance) or convent(1) and motor(1) and replief)	USPAT;	2002/12/24 11:20
	-		US-PGPUB;	-
			DERWENT.	
			IBM TDB	
	93	(((((400/625).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1) and gear\$1	USPAT;	2002/12/24 11:21
			US-FGFUB;	-
			DERWENT;	
			IBM_TDB	10:11 10:000
	98	((((400/624).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1) and gear\$1	US-PGPUB:	17:11 67/71/7007
			EPO; JPO;	
			DERWENT;	
_			IBM TDB	

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	87	((((400/636), CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1) and gear\$1	USPAT;	2002/12/24 11:21
			DERWENT;	
	37	(((((400/578),CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1) and gear\$1	US-PGPUB;	2002/12/24 11:22
<u> </u>		·	EPO; JPO; DERWENT; IBM_TDB	
	0	(((((400/271),CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1) and gear\$1	USPAT; US-PGPUB;	2002/12/24 11:23
			EPO; JPO; DERWENT;	
	:	And the second s	IBM_TDB USPAT;	2002/12/24 11:24
	<u>``</u>		US-PGPUB;	
			DERWENT;	
	35	(((((400)636) CCLS.) and (advanc\$5 or convev\$5)) and motor\$1) and roller\$1) and predetermined	IBM_TDB USPAT;	2002/12/24 11:25
			US-PGPUB; EPO: JPO:	
			DERWENT;	
	22	(((((400/578).CCLS.) and (advanc\$5 or convey\$5)) and motor\$1) and roller\$1) and predetermined	USPAT; USPAT; US-PGPUB;	2002/12/24 11:25
			EPO, JPO;	
	9	(Williams St.) CCLS) and (advances or conveyss)) and motors () and rollers () and greatermined	IBM_TDB USPAT;	2002/12/26 10:27
	3		US-PGPUB; EPO: JPO;	
			DERWENT;	
	096	print\$4 same reduction same (media or medium or paper\$1 or substrate\$1) same position\$1	USPAT;	2002/12/26 14:30
			EPO, JPO;	
			DERWENT;	
	201	remin\$4 same reduction same (media or medium or paper\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1	USPAT;	2002/12/26 15:44
	2	_	US-PGPUB;	
			DERWENT;	
			IBM TDB	

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102	((prints same reduction same (media or medium or papers) or sheets or substrates) same positions 1) and steps adj motors 1) and controls4		2002/12/26 15:51
		EPO: JPO:	
		DERWENT;	
		IBM_TDB	
62 ((((forings same reduction same (media or medium or paper\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1) and control\$4) and advanc\$5	USPAT;	2002/12/26 16:03
_		US-PGPUB;	
		EPO, JPO;	
		DEKWENT,	
_		I ISBAT.	1002/12/06 16:14
33 (((((prints same reduction same (mediam or papers) or sheets I or substrates I) same positions I) and steps4 adj motors I) and controls4) and advancs>) and increments4	US-PGPUB:	7007177017
		EPO; JPO;	
		DERWENT;	
		IBM_TDB	
23	(((Indining same reduction same (media or mediam or paper\$) or sheet\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1) and control\$4) and advanc\$5) and predetermined	USPAT;	2002/12/26 16:14
_		US-PGPUB;	
		EPO; JPO;	
		DERWENT;	
		IBM_TDB	
77	((((prints4 same reduction same (media or medium or paper\$1 or sheet\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1) and control\$4) and advanc\$5) and increment\$4)	USPAT;	2002/12/27 13:34
_	and predetermined	US-PGPUB;	
_		DEP WENT	
		IRM TOR	
- 22	naistatt same hacklach	USPĀT;	2002/12/27 13:35
		US-PGPUB;	
		EPO; JPO;	
-		DERWENT;	
		IBM_IDB	70.01 06/61/6006
25	(printer\$1 same backlash) and reduction	USPAT;	70.01 06/21/2007
		US-PGPUB;	
		EPO; JPO;	
		DEKWENT,	
		BM 1DB	10.01
24 ((backlash adj reduction) near2 (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equiment\$1)	USPAT;	2002/12/30 10:30
		100 cl cu	
		DER WENT	
		IPM TOB	
,	Litter it. Land (Litter of Demonstrate of Companies of Co	USPAT:	2002/12/30 10:14
	(takkiash adj reducion) hear a (tevres) to apparatuses to system of the commission of equipments of the commission of th	US-PGPUB;	
		EPO; JPO;	
		DERWENT;	
		IBM TDB	

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	14	(backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equiment\$1)	USPAT;	2002/12/30 11:23
	0	(400/625.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equiment\$1)	EPO, IPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/12/30 11:25
	0	(400/624.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equiment\$1)	EPO, JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/12/30 11:26
	0	(400/\$.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equiment\$1)	EFO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO: JPO;	2002/12/30 11:29
	0	(271/S.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equiment\$1)	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/12/30 11:30
	•	(347/S.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equiment\$1)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO: JPO:	2002/12/30 13:26
	388	feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO, JPO;	2002/12/30 13:45
	%	(feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and print\$4	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/30 13:37
,		((feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and print\$4) and backlash\$2	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/12/30 13:34
			IBM TDB	

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		US-PGPUB;	
	(feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and backlash	EPO, JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO: IPO:	2002/12/30 13:37
	(paper or sheet or media or medium) adj feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; IPO;	2002/12/30 16:33
	((paper or sheet or media or medium) adj feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and backlash	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/30 14:49
	((paper or sheet or media or medium or substrate) adj (feeding or delivering or conveying or advancing) adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and backlash	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; PO;	2002/12/30 16:40
•	(paper or sheet or media or medium or substrate) adj (feeding or delivering or conveying or advancing) adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)	DEKWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/30 16:40
•	10 backlash near3 reduction adj system	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/01/06 12:16
	3 ("4310236").PN.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/01/08 13:44